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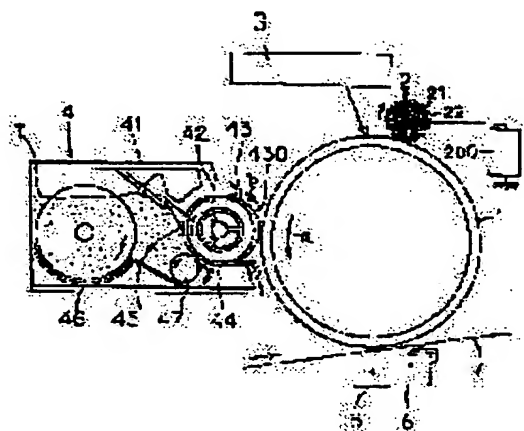
(54) IMAGE FORMING DEVICE

(57)Abstract:

PURPOSE: To provide an image forming device which can sufficiently suppress generation of memory by sufficiently scattering the developer remaining after transfer by means of a charging rotary brush.

CONSTITUTION: The charging rotary brush 21 is formed by winding a cloth made by setting conductive brush fibers on a foundation cloth around the periphery of a shaft 22 and its dimensions, b , c , w , θ and M are set so that the numbers m/mm^2 of brush fibers of the rotary brush 21 which are brought into contact with the unit area of the surface of the light-sensitive drum while the surface passes the contact nip section between the rotary brush 21 and the light-sensitive drum 1 satisfies an

inequality: $350 < m < 4000$ where $m = c/b \times w \times \theta \times M$, b is the outer diameter (mm) of the rotary brush, c is the outer diameter (mm) of the shaft including the thickness of the foundation cloth; w is the contact nip width (mm) between the light-sensitive material and the rotary brush in the moving direction of the surface of the light-sensitive material; θ is the peripheral speed ratio of the rotary brush to the light-sensitive material; M is the average numbers of set fibers per mm^2 .



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